



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicants:

Zhang et al.

Serial No.:

09/942,272

Filed:

August 29, 2001

For:

CLASS V FLEXTENSIONAL TRANSDUCER WITH  
DIRECTIONAL BEAM PATTERNS

Art Unit:

2834

Examiner:

Medley, P.M.

Attorney Docket:

823.0103USU

#9/10/02  
7/11/02  
11-14-02

**AMENDMENT UNDER RULE 116**

BOX AF  
Commissioner for Patents  
Washington, D. C. 20231

Sir:

In reply to the final Office Action dated August 28, 2002, please amend the  
above patent application as follows:

**IN THE CLAIMS**

Please amend the claims as follows:

1. (Twice amended) An electro active device for generating a directional beam  
comprising:

first and second electro active substrates each having first and second  
opposed continuous planar surfaces wherein each of said first opposed surfaces  
have a polarity and each of said second opposed surfaces have an opposite